

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083302.D
 Acq On : 14 Aug 2024 15:40
 Operator : JC\MD
 Sample : P3390-09 0.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Quant Time: Aug 15 00:53:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 00:52:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	154961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	126676	57.431	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.860%			
35) Dibromofluoromethane	8.171	113	91194	53.043	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.080%			
50) Toluene-d8	10.570	98	330749	51.573	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.847	95	120109	48.039	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	986	0.561	ug/l	87
3) Chloromethane	2.359	50	1092	0.607	ug/l #	61
4) Vinyl Chloride	2.512	62	1001	0.545	ug/l #	63
5) Bromomethane	2.959	94	1043	0.916	ug/l #	72
6) Chloroethane	3.130	64	919	0.800	ug/l #	41
7) Trichlorofluoromethane	3.494	101	1532	0.505	ug/l	95
8) Diethyl Ether	3.971	74	231m	0.205	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.371	101	905	0.541	ug/l #	48
10) Methyl Iodide	4.583	142	689	0.313	ug/l #	88
11) Tert butyl alcohol	5.547	59	1235m	2.694	ug/l	
12) 1,1-Dichloroethene	4.330	96	704	0.410	ug/l	90
13) Acrolein	4.189	56	604	2.022	ug/l	87
14) Allyl chloride	5.018	41	1699	0.523	ug/l #	73
15) Acrylonitrile	5.730	53	2178	2.310	ug/l #	51
16) Acetone	4.441	43	3277m	3.797	ug/l	
17) Carbon Disulfide	4.718	76	2947	0.586	ug/l #	75
18) Methyl Acetate	5.036	43	1458m	0.567	ug/l	
19) Methyl tert-butyl Ether	5.800	73	3585m	0.578	ug/l	
20) Methylene Chloride	5.283	84	1647	0.829	ug/l #	66
21) trans-1,2-Dichloroethene	5.783	96	783	0.441	ug/l #	64
22) Diisopropyl ether	6.677	45	2616	0.429	ug/l #	63
23) Vinyl Acetate	6.612	43	13733	2.196	ug/l #	93
24) 1,1-Dichloroethane	6.577	63	1541	0.463	ug/l #	83
25) 2-Butanone	7.488	43	3623	2.734	ug/l #	87
26) 2,2-Dichloropropane	7.488	77	1706	0.552	ug/l #	63
27) cis-1,2-Dichloroethene	7.500	96	1231	0.575	ug/l	85
28) Bromochloromethane	7.806	49	573	0.422	ug/l #	76
29) Tetrahydrofuran	7.847	42	2020	2.358	ug/l	96
30) Chloroform	7.977	83	1770	0.512	ug/l #	83
31) Cyclohexane	8.229	56	5277	1.614	ug/l #	1
32) 1,1,1-Trichloroethane	8.177	97	1638	0.501	ug/l #	53
36) 1,1-Dichloropropene	8.371	75	1461	0.562	ug/l #	72
37) Ethyl Acetate	7.565	43	1386	0.476	ug/l #	72
38) Carbon Tetrachloride	8.365	117	1474	0.503	ug/l #	72
39) Methylcyclohexane	9.606	83	1514	0.474	ug/l #	80
40) Benzene	8.600	78	3654	0.472	ug/l #	84

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 Quant Title : SW846 8260
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Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	676m	0.408	ug/l	
42) 1,2-Dichloroethane	8.677	62	1734	0.614	ug/l #	78
43) Isopropyl Acetate	8.688	43	4233m	0.634	ug/l	
44) Trichloroethene	9.347	130	983	0.533	ug/l	84
45) 1,2-Dichloropropane	9.635	63	809	0.440	ug/l #	44
46) Dibromomethane	9.712	93	593	0.450	ug/l	83
47) Bromodichloromethane	9.894	83	1495	0.506	ug/l #	82
48) Methyl methacrylate	9.688	41	1118	0.464	ug/l #	83
49) 1,4-Dioxane	9.700	88	366	8.427	ug/l #	57
51) 4-Methyl-2-Pentanone	10.447	43	6654	2.416	ug/l	93
52) Toluene	10.635	92	2482	0.507	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	1231	0.405	ug/l #	71
54) cis-1,3-Dichloropropene	10.312	75	1532	0.474	ug/l #	71
55) 1,1,2-Trichloroethane	11.012	97	939	0.535	ug/l #	59
56) Ethyl methacrylate	10.876	69	1489	0.450	ug/l	99
57) 1,3-Dichloropropane	11.159	76	1724	0.551	ug/l #	87
58) 2-Chloroethyl Vinyl ether	10.159	63	2788	1.994	ug/l	97
59) 2-Hexanone	11.194	43	4890	2.295	ug/l	97
60) Dibromochloromethane	11.365	129	1074	0.506	ug/l	93
61) 1,2-Dibromoethane	11.470	107	991	0.538	ug/l	96
64) Tetrachloroethene	11.106	164	895	0.579	ug/l #	77
65) Chlorobenzene	11.894	112	2849	0.552	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	857	0.471	ug/l #	54
67) Ethyl Benzene	11.959	91	4486	0.474	ug/l	91
68) m/p-Xylenes	12.070	106	3570	1.007	ug/l	89
69) o-Xylene	12.400	106	1454	0.416	ug/l	98
70) Styrene	12.412	104	2437	0.415	ug/l	96
71) Bromoform	12.588	173	528	0.383	ug/l #	87
73) Isopropylbenzene	12.694	105	3679	0.447	ug/l	97
74) N-amyl acetate	12.494	43	1803	0.448	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	1081	0.465	ug/l #	91
76) 1,2,3-Trichloropropane	12.982	75	1235m	0.572	ug/l	
77) Bromobenzene	12.976	156	1015	0.556	ug/l	90
78) n-propylbenzene	13.041	91	5185	0.548	ug/l	91
79) 2-Chlorotoluene	13.129	91	3234	0.539	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	3493	0.507	ug/l	87
81) trans-1,4-Dichloro-2-b...	12.729	75	321m	0.324	ug/l	
82) 4-Chlorotoluene	13.217	91	3168	0.526	ug/l	94
83) tert-Butylbenzene	13.435	119	2790	0.458	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	3099	0.447	ug/l	90
85) sec-Butylbenzene	13.617	105	3656	0.439	ug/l	95
86) p-Isopropyltoluene	13.729	119	2978	0.433	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	1789	0.520	ug/l	96
88) 1,4-Dichlorobenzene	13.806	146	1741m	0.502	ug/l	
89) n-Butylbenzene	14.053	91	2395	0.402	ug/l	98
90) Hexachloroethane	14.335	117	467	0.352	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	1687	0.507	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	1104	0.592	ug/l	79
94) Hexachlorobutadiene	15.505	225	485	0.585	ug/l #	64
95) Naphthalene	15.647	128	3116	0.472	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.841	180	981	0.532	ug/l #	78

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Quant Title : SW846 8260
QLast Update : Thu Aug 15 00:52:38 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

